

EXHIBIT 15

Certificate of Registration



This Certificate issued under the seal of the Copyright Office in accordance with title 17, *United States Code*, attests that registration has been made for the work identified below. The information on this certificate has been made a part of the Copyright Office records.

Karen Leigh Clayett

Acting United States Register of Copyrights and Director

Registration Number

TX 8-285-328

Effective Date of Registration:

March 28, 2016

Title

Title of Work: Virtuoso

Completion/Publication

Year of Completion: 2014

Date of 1st Publication: July 31, 2014

Nation of 1st Publication: United States

Author

- **Author:** Cadence Design Systems, Inc.
Author Created: computer program
Work made for hire: Yes
Citizen of: United States

Copyright Claimant

Copyright Claimant: Cadence Design Systems, Inc.
2655 Seely Avenue, San Jose, CA, 95134, United States

Limitation of copyright claim

Material excluded from this claim: Previously published material

New material included in claim: computer program

Rights and Permissions

Organization Name: Cadence Design Systems, Inc.
Address: 2655 Seely Avenue
San Jose, CA 95134 United States

Certification

Name: Kristen McCallion
Date: March 28, 2016
Applicant's Tracking Number: 24901.0576001

Correspondence: Yes



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Registration #: TX0008285328
Service Request #: 1-3183862111

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